



Health & Beauty Solutions, Inc.

MICROSPONGE® N 733SA



Salicylic Acid Delivery System

Description: Microsponge® N 733SA is a natural microparticle delivery system loaded with 33% Salicylic Acid that is useful in a wide variety of cosmetic and OTC personal care formulations. The product is supplied as a free-flowing off-white powder that contains no preservatives or alcohol.

Improve Formulation Simplicity and Elegance

The Microsponge® N contains the 33% loading of Salicylic Acid within the matrix of the Microsponge® N natural cellulose microparticle. The unique characteristics of the MSN 733SA allow the dispersion of salicylic acid into formulations via mixing alone - without the need for alcohols, solvents or the buffering that are typically required for formulations that contain salicylic acid. This provides the formulator a convenient method to add sustained release salicylic acid to cosmetic or OTC products.

Controlled Delivery of Functional Ingredients

The matrix of the Microsponge® N delivery system provides a ready “reservoir” for active ingredients. The release of these ingredients occurs through a concentration gradient and diffusion, providing sustained release of the active. The slowing of the release of salicylic acid helps minimize irritation, while providing material available for extended effectiveness. After application, the microparticles also have the ability to adsorb excess skin oils, thus providing sebum control benefits such as mattifying and shine reduction in treatment products.

Typical Properties

Composition:	Cellulose and Salicylic Acid
Appearance:	Off-white, free flowing powder
Salicylic Acid Level:	33 ± 3%

Benefits

- Natural active on a natural cellulose microparticle delivery system
- Enables, simple, solvent free, alcohol free incorporation of Salicylic Acid in all types of personal care products, including gels, emulsions, creams, and loose and pressed powders
- Extended release of salicylic acid yields reduced irritation and long-lasting availability on the skin.

Typical Applications

- Facial treatments and skin care products including gels, emulsions, and anhydrous products
- Make-ups and Foundations incorporating skin-care benefits
- Daily use moisturizers and lotions
- Exfoliating gels and treatments
- Loose and pressed powders

Recommended Use Levels

Typical use levels of the Microsponge® N 733SA in formulations is in the 1.5 to 6% range. For additional information, contact your HBS Sales representative.





Certifications

- The Microsponge® N delivery system microparticles (exclusive of entrapped actives) meet the requirements of ISO 16128 for natural and organic cosmetic ingredients and is certified to conform with the COSMOS v3.0 standard.
- The Microsponge® N cellulose-based delivery system is produced from only legally harvested wood from sustainably managed forests which do not meet the criteria for forests of exceptional or high conservation value. The suppliers have one or more of the recognized Third Party Safe Forest Management Certification Standards and promote the certification of their public and private timber sources: Forest Stewardship Council (FSC), Sustainable Forest Initiative (SFI), Pan European Forest Certification (PEFC), Canadian Standards Association (CSA); American Tree Farm System (ATFS).

Storage Recommendations: Store in unopened container under normal ambient conditions (40 - 100° F).

Shelf Life: 12 months when stored under proper conditions.

